





Multiple Category Scope and Sequence: Scope and Sequence Report For Course Standards and Objectives, Content, Skills, Vocabulary

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	Unit	Course Standards and Objectives	Content	Skills	Vocabulary
<p>District Intermediate Video Production 2 (10.0204) (District) 2014-2015 Collaboration</p>	<p>Std 08 Ethics  (Week 20, 1 Week) </p>	<p>UT: CTE: Skilled and Technical Sciences, UT: Grades 9-12, Video Production 2 Standard 8 Students will be able to understand and practice copyright laws, ethics and legal issues dealing with photography as identified in United States Code Title 17 Chapter 1 Section 101.</p> <ul style="list-style-type: none"> ▪ Objective 1 Define copyright. ▪ Objective 2 Other definitions <ul style="list-style-type: none"> a. Audiovisual works b. Computer program c. Copies d. Copyright owner e. Digital transmission f. Financial gain g. Pictorial, graphic, and sculptural works h. Work of visual art ▪ Objective 3 Students will practice ethics and rules governing photojournalism (i.e. Editorial content must not be changed). ▪ Objective 4 Students will practice correct usage of copyright laws (i.e. the right to reproduce, manipulate, distribute, plagiarize or exhibit another photographer's work outside of fair use provisions) <ul style="list-style-type: none"> a. Time limitations b. Portion limitations c. Text material 	<p><u>Copyright</u></p> <ul style="list-style-type: none"> ▪ Time Limitation ▪ Portion Limitation ▪ Distribution Limitation ▪ Music use ▪ Owner rights ▪ Commercial vs Educational 	<p><u>Copyright</u></p> <ul style="list-style-type: none"> ▪ Verify proper and legal use of music and other media according to current copyright law. 	<ul style="list-style-type: none"> ▪ Copyright ▪ Distribution ▪ Limitation ▪ Ethics ▪ Social ▪ Legal ▪ Fair use ▪ Reproduce ▪ Manipulate ▪ Plagiarize

- d. Illustrations and photographs
- e. Copying and distribution limitations

- Objective 5
Students will demonstrate understanding of ethics related to social and legal issues in subject choice (i.e. model releases, image appropriateness, and cultural sensitivity).

Std 01 Camera
Obj 01
Accessories 05
Ops 06 Support

 (Week 21, 3 Weeks) 

UT: CTE: Skilled and Technical Sciences, UT: Grades 9-12, Video Production 2 Standard 1
Students will be able to understand and demonstrate the correct operation of the camera.

- Objective 1
Camera Accessories
 - a. Lens Filters
 - b. Capture Devices
 - Tape
 - Hard drives
 - Flash drives, etc.
 - c. External Microphones jack
 - d. Connectors
 - BNC
 - Firewire
 - HDMI
 - Mini (1/8")
 - Stereo/ mono
 - Phone (1/4")
 - Stereo/mono
 - RCA
 - USB
 - XLR
- Objective 5
Camera operation
 - a. Color temperature
 - b. Rack focus
 - c. ND Filter
- Objective 6
Alternative Camera Support
 - a. Jibs

Camera Accessories and cables

- Lens Filters
- Capture Devices
- Tape
- Hard drives
- Flash drives
- SD card
- External Microphones jack
- Connectors
- BNC
- Firewire
- HDMI
- Mini (1/8) Stereo/ mono
- Phone (1/4) Stereo/mono
- RCA
- USB
- XLR

Camera Operations (Advance)

- Color temperature
- Rack focus
- ND Filter

Camera Supports

- Jibs
- Steadi-cam

Camera Accessories and cables

- Identify and explain the function of lens filters, video capture options, external microphone
- Identify and explain the use of the different A/V cables

Camera Operation

- Define and execute the proper use of film color temperature, rack focus, and Neutral Density filter



Camera Support

- Define and demonstrate proper use of a jib, steady cam, bean bags and dollies

- Lens Filters
- DV Tape
- Hard drives
- Flash drives
- SD card
- Microphones jack
- BNC
- Firewire
- HDMI
- Mini (1/8) Stereo/ mono
- Phone (1/4) Stereo/mono
- RCA
- USB
- XLR
- Color temperature
- Rack focus
- ND Filter
- Jib
- Steady-cam
- Dolly

- b. Steadi-cam
 - c. Unconventional devices
 - Bean bags
 - Car mounts
 - Wheeled devices
- Bean bags
 - Car mounts
 - Wheeled devices
 - Dolly

Std 01 Camera
Obj 02 03 Comp
04 Shot 07 Move

 (Week 24, 2 Weeks) 

UT: CTE: Skilled and Technical Sciences, UT: Grades 9-12, Video Production 2 Standard 1
 Students will be able to understand and demonstrate the correct operation of the camera.

- Objective 2
 Picture Composition
 - a. Vectors
 - Index
 - Motion
 - Graphic
- Objective 3
 Alternative Picture composition
 - a. Cinéma-vérité
 - b. MTV-esque (overexposed, out of focused – deliberately breaking the rules for artistic expression)
 - c. "Reality TV" style (no tripod used, not following the rule of thirds, etc)
 - d. New-age techniques
- Objective 4
 Shot selections
 - a. Sequencing (establishing shot followed by wide, then medium, then close up)
 - b. Follow shots
 - c. Point-of-view (POV)
 - d. Reaction shots
- Objective 7
 Camera movements
 - a. Pan
 - b. Truck
 - c. Dolly
 - d. Arc
 - e. Pedestal

Graphic Composition

- Vectors
- Index
- Motion
- Graphic

Alternative composition

- Cinéma-vérité
- MTV-esque
- "Reality TV" style
- New-age techniques

Shot selections

- Sequencing
- Follow shots
- Point-of-view (POV)
- Reaction shots

Camera movements

- Pan
- Truck
- Dolly
- Arc
- Pedestal
- Tilt

Graphic composition

- Define and explain general graphic composition terms.
- Demonstrate use of vectors, motion and other graphics in shot.

Alternative composition

- Demonstrate use of alternative shot compositions

Shot Selections

- Define and differentiate shot selections.
- Demonstrate that you can properly execute:
 - Sequencing
 - Follow shots
 - Point-of-view (POV)
 - Reaction shots

Camera movements

- Define each camera movement.
- Execute proper camera movements: pan, tilt, truck, dolly, arc, pedestal, zoom

- Composition
- Vectors
- Index
- Motion
- Graphic
- Cinéma-vérité
- Sequencing
- Follow shots
- Point-of-view (POV)
- Reaction shots
- Pan
- Truck
- Dolly
- Arc
- Pedestal
- Tilt

f. Tilt

Std 09
Professional

Skills  (Week 25,
1 Week) 

UT: CTE: Skilled and Technical Sciences, UT: Grades 9-12, Video Production 2 Standard 9
Students will enhance their understanding of Video Production as a profession and will develop professional skills for the workplace.

- Objective 1
As a participating member of the SkillsUSA student organization, complete the SkillsUSA Level 2 Professional Development Program.
 - a. Measure/modify short-term goals.
 - b. Identify stress sources.
 - c. Select characteristics of a positive image.
 - d. Demonstrate Government awareness.
 - e. Demonstrate awareness of professional organizations.
 - f. Apply team skills to a group project.
 - g. Observe and critique team skills at a local professional meeting.
 - h. Demonstrate business meeting skills.
 - i. Explore workplace ethics: codes of conduct.
 - j. Demonstrate social etiquette.
 - k. Complete survey for employment opportunities.
 - l. Review a professional journal and develop a three- to five-minute speech.
 - m. Complete a job

Professional Development

- Avenues of continual education and improvement
- Skills USA, UHSFF, The Broadcasting Awards opportunities to compete
- Paths of CTE courses
- Profession attitude and work ethic

Professional Development

- Decide on options for future education in video field
- Judge and join a forum of skills development and competition that best test there strengths
- Focus on attitudes and develop professional work ethic that provide opportunities for a career

- Short term goals
- Long goals
- Attitude
- Work Ethic
- Career
- Competence

application.
n. Assemble an employment portfolio.
o. Explore supervisory and management roles in an organization.
p. Conduct a worker interview.
q. Perform a self-evaluation of proficiency in program competencies.

- Objective 2
Serve in the school's SkillsUSA chapter as a committee member.
- Objective 3
Display a professional attitude toward the instructor and peers.
- Objective 4
As a participating member of the SkillsUSA student organization, complete the SkillsUSA Level 3 Professional Development Program.
 - a. Evaluate your career and training goals.
 - b. Market your career choice.
 - c. Develop personal financial skills
 - d. Serve as a volunteer in the community.
 - e. Plan and develop a business.
 - f. Conduct a worker interview.
 - g. Develop a résumé and write a cover letter.
 - h. Demonstrate interviewing skills.
 - i. Understand the cost of customer service.
 - j. Identify and apply conflict resolution skills.
 - k. Demonstrate evaluation skills.
 - l. Examine workplace ethics: the role of values in making decisions.
 - m. Perform a skill

- demonstration.
- n. Learn what is contained in Material Safety Data Sheets (MSDS).
- o. Perform a self-evaluation of proficiency in program competencies.
- Objective 5
Serve as an officer in the school's chapter of SkillsUSA
- Objective 6
Participate in an authorized SkillsUSA drafting competition.
- Objective 7
Display a professional attitude toward the instructor and peers.

Std 02 Audio 
(Week 26, 2 Weeks)


UT: CTE: Skilled and Technical Sciences, UT: Grades 9-12, Video Production 2 Standard 2
Students will be able to understand and demonstrate procedures for recording audio.

- Objective 1
Microphone
 - a. Pop filters
 - b. Wind screens
 - c. Proximity effect
 - d. Boom mics
 - e. USB mics
 - f. Camera mic vs external mic
 - g. AGC (Automatic Gain Control)
- Objective 2
Ambience
 - a. Definition of ambience
 - b. Natural sound (NATS)
 - c. Controlling NATS
- Objective 3
Voice Over

Microphone Accessories

- Pop filters
- Wind screens
- Proximity effect
- Boom mics
- USB mics
- Camera mic vs external mic
- AGC (Automatic Gain Control)

Ambience

- Definition of ambience
- Natural sound (NATS)
- Controlling NATS

Voice Over

- Studio talent recording

Microphone Accessories

- Identify and demonstrate use of pop filters, wind screens and proximity to improve sound
- Identify and define alternative mics.
- Judge and select proper microphones in different situations: Camera (On-board) or external mic
- Identify and properly use the cameras AGC

Ambience

- Define ambience/ambient
- Identify sources of ambient sounds: Natural Sound (NATS)
- Decide proper controlling of ambient/NATS sounds

Voice Over

- Demonstrate use of voice over in video productions

- Pop filters
- Wind screens
- Proximity effect
- Boom mics
- USB mics
- Camera mic vs external mic
- AGC (Automatic Gain Control)
- Ambience
- Natural sound (NATS)
- Controlling NATS
- Voice Over

Std 03 Lighting



(Week 28, 2 Weeks)

UT: CTE: Skilled and Technical Sciences, UT: Grades 9-12, Video Production 2 Standard 3
Students will be able to understand and demonstrate lighting systems and how they are used.

- Objective 1
Principles of Lighting
 - a. Key
 - b. Back
 - c. Fill
 - d. Background
 - e. Direct light
 - f. Diffused light
- Objective 2
Lighting accessories
 - a. Filters
 - b. Reflectors
 - c. Zebra feature on camera
 - d. Cookies/gobos
 - e. Gels
- Objective 3
Lighting situations
 - a. Color temperature
 - b. Mood
 - c. Exterior lighting
 - d. Night lighting

Principles of Lighting

- Key
- Back
- Fill
- Background
- Direct light
- Diffused light

Lighting accessories

- Filters
- Reflectors
- Zebra feature on camera
- Cookies/gobos
- Gels

Lighting situations

- Color temperature
- Mood
- Exterior lighting
- Night lighting

- Identify and demonstrate correct principles standardized lighting setup
- Identify and demonstrate use of reflectors and other lighting accessories to create balance
- Execute proper lighting alternatives to create mood and ambience

- Key
- Back
- Fill
- Background
- Direct light
- Diffused light
- Lighting accessories
- Filters
- Reflectors
- Zebra feature on camera
- Cookies/gobos
- Gels
- Color temperature
- Mood
- Exterior lighting
- Night lighting

Std 04 Pre-production



(Week 30, 2 Weeks)

UT: CTE: Skilled and Technical Sciences, UT: Grades 9-12, Video Production 2 Standard 4
Students will be able to understand and demonstrate preproduction.

- Objective 1
Story development
- Objective 2
Script development
- Objective 3
Location scouting
- Objective 4
Equipment Inventory

Story Development

- The three Ps: People, Place, Predicament
- Three Acts: Intro, Conflict, Resolution
- Who, Where, What, Why, How
- Emotional connection
- Audience

Script Development

- Story breakdown
- Locations
- Actions

Story Development

- Research and develop an story idea considering the three Ps: People, Place, Predicament, and breaking it down into the three Acts: Intro, Conflict, Resolution.
- Clearly identify who, where, what, why, and how of the story and make an emotional connection to the audience

Script Development

- Breakdown the story and produce a script identifying key locations, actions and dialogue.
- Create a simple storyboard and shot list to add in production

- Story
- People
- Place
- Predicament
- Intro
- Conflict
- Resolution
- Audience
- Scripting
- Location
- Action
- Dialogue
- Transition
- Storyboard
- Shot list
- Location scouting
-

- Dialogue
- Transition
- Storyboards
- Shot Lists

Location Scouting

- Angles (key blocking through View finder)
- Availability (Permission)
- Access (Roads, paths)
- Lighting (Natural, Artificial)
- Amenities (Power, Food, Bathroom)
- Sound (NATS, Ambient)

Equipment Inventory

- Check list

Location Scouting

- During script writing student must scout locations for good shot angles, lighting and sound options

Equipment Inventory

- Develop a thorough equipment list prior to going to shoot

Std 05

Production 
(Week 32, 1 Week)


UT: CTE: Skilled and Technical Sciences, UT: Grades 9-12, Video Production 2 Standard 5
Students will be able to understand and demonstrate production.

- Objective 1
Crew responsibilities
 - a. Producer
 - b. Director
 - c. Camera operator
 - d. Audio
 - e. Talent
 - f. Continuity
- Objective 2
Media management
 - a. Labeling
 - b. Storing

Crew responsibilities

- Producer
- Director
- Camera operator
- Grip
- Lighting Technician
- Audio Technician
- Talent
- Continuity crew
- Craft Services

Media management

- Labeling
- Storing

- Examine the different rolls of a video crew. Judge which crew members are needed for a designated video project and select the best crew possible for the job.
- Define the roll of:
 - Producer
 - Director
 - Camera operator
 - Grip
 - Lighting Technician
 - Audio Technician
 - Talent
 - Continuity crew
 - Craft Services
- Identify most effective organization of video footage and method of storage

- Crew
- Producer
- Director
- Camera operator
- Grip
- Lighting Technician
- Audio Technician
- Talent
- Continuity crew
- Craft Services
- Media management
- Labeling
- Storing

Std 06 Post-Production 
(Week 33, 3 Weeks)

UT: CTE: Skilled and Technical Sciences, UT: Grades 9-12, Video Production 2 Standard 6

Logging

- Labeling,

- Demonstrate different methods of logging clips and explain why this is important. Demonstrate the use of good labeling and file/folder creation to capture video.

- Logging
- Labeling
- Capture
- Batch Capture



Students will be able to understand and demonstrate post production.

- Objective 1
Logging
- Objective 2
Editing
 - a. Capture
 - b. Batch Capture
 - c. Rendering
 - d. Motion Effects (slow motion, fast motion, reverse motion, etc.)
 - e. Filters (audio and video)
 - f. Time code
 - g. Titles
 - h. Transitions
 - i. Special effects (computer generated digital enhancements)
 - j. Sound tracks
 - k. Timeline
 - l. Cut-to-the-beat
- Objective 3
Sweetening
 - a. Levels and mixing
 - b. Sound Effects
 - c. NATS
 - d. Music tracks
- Objective 4
Television standards
 - a. NTSC
 - b. PAL
 - c. High definition (720p, 1080i)
 - d. Aspect ratio
 - e. Frames per second (fps)

- numbering, and naming
- File and folder creation
- Capture
- Batch Capture

Editing

- Time code
- Timeline
- Titles
- Transitions
- Jump cut
- Cut-to-the-beat
- Fades
- Filters (audio and video)
- Motion Effects (slow motion, fast motion, reverse motion, etc.)
- Special effects (computer generated digital enhancements)
- Sound tracks
- Rendering

Sweetening

- Levels and mixing
- Sound Effects
- NATS
- Music tracks

Television standards

- NTSC
- PAL
- High definition (720p, 1080i)
- Aspect ratio
- Frames per second (fps)
- Interlaced

- Produce a video that demonstrates a correct understanding of the video timeline, titles, lower thirds, transitions, fades, jump cuts, cut-to-the-beats, filters, motion effects, special effects, sound tracks, and video rendering.
- Define, analyze and explain:
 - Sweetening
 - Levels and mixing
 - Sound Effects
 - NATS
 - Music tracks
 - NTSC
 - PAL
 - High definition (720p, 1080i)
 - Aspect ratio
 - Frames per second (fps)
 - Interlaced
 - Progressive

- Time code
- Editing
- Timeline
- Titles
- Transitions
- Jump cut
- Cut-to-the-beat
- Fades
- Filters (audio and video)
- Motion Effects (slow motion, fast motion, reverse motion, etc.)
- Special effects (computer generated digital enhancements)
- Sound tracks
- Rendering
- Sweetening
- Mixing
- Sound Effect
- NATS
- Music tracks
- NTSC
- PAL
- High definition (720p, 1080i)
- Aspect ratio
- Frames per second (fps)
- Interlaced
- Progressive

Std 07 VFX &

GFX  (Week 35,
2 Weeks) 

UT: CTE: Skilled and Technical
Sciences, UT: Grades 9-12,
Video Production 2
Standard 7
Students will be able to
understand and demonstrate the
use of visual effects and graphics.

- Objective 1
Visual effects
 - a. Chroma key
 - b. Animation
 - c. Filters
 - d. Keyframes
- Objective 2
Graphics
 - a. Text
 - b. Fonts
 - c. Colors (high contrast
improves readability)
 - d. Title safe area

- Progressive

Visual effects

- Chroma key
- Animation
- Filters
- Keyframes

Graphics

- Text
- Fonts
- Colors (high contrast
improves readability)
- Title safe area
- Lower thirds

Practical effects

- Demonstrate the ability to use the chroma key effect to create a virtual background.
- Demonstrate the ability to use animation and filters with key frames to affect the look and feel of your footage.
- Create graphics in a project that demonstrate proper use of text, fonts, broadcast colors, and lower thirds
- Demonstrate simple practical effects to enhance project

- Visual effects
- Chroma key
- Animation
- Filters
- Key frames
- Graphics
- Text
- Fonts
- Colors
- High contrast
- Title safe area
- Lower thirds
- Practical effects

